

Report Date: 30 Apr 2012

Summary Report for Individual Task
551-88M-3345
Load Able/Disabled Tracked/Wheeled Vehicle onto a Heavy Equipment Transporter
Status: Approved

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: Given an able/disabled tracked/wheeled vehicle for loading onto HET, HET basic issue items (BII), a coupled HET with pre-operational maintenance checks performed, assistance from other crew members, and level ground to conduct loading operations. Special Conditions: Two-person operation. Assistance from another crew member is required. Some iterations of this task should be performed in MOPP.

Standard: You will supervise the completion of the loading operation of an able/disabled tracked/wheeled vehicle, position vehicle properly, and secure vehicle to prevent movement during transport. Ensure that all procedures are accomplished safely without injury to personnel, damage to HET, or vehicle payload.

Special Condition: None

Special Standards: None

Special Equipment:

MOPP: Sometimes

Task Statements

Cue: Your Unit is called to transport an M1A2 Abrams Tank which would require you to be trained to transport a tracked/wheeled vehicle for loading onto the HET, you have all HET basic issue items (BII), a coupled HET with pre-operational maintenance checks performed, assistance is available from other crew members, and level ground to conduct loading operations. This is a minimum of a Two-person operation.

DANGER

Adhere to all Danger statements in reference to the vehicles Technical Manual to ensure you are aware of the possible dangers involving the different types of equipment.

WARNING

WARNING: Load semitrailer on level ground whenever possible. In adverse conditions, loading can be done on grades up to 10 percent with a maximum offset angle of 10 degrees between tractor and semitrailer. Avoid exceeding these limitations to prevent payload from rolling on semitrailer and causing serious injury to personnel and damage to equipment.

WARNING: Due to semitrailers being outfitted with various chains (1/2-inch and/or 3/4-inch link sizes), all chains must be inventoried in the platform storage compartment prior to placing chains on platform. Once chains are inventoried, read and familiarize yourself with the information in steps (20) (a) thru (h) to determine tiedown needed to properly secure the payload or injury to personnel and damage to equipment may result.

WARNING: Two spotters are required for loading and unloading operations. The payload operator must know the position of spotters at all times or injury to personnel may result.

WARNING: Do not position a spotter on gooseneck if payload is to be backed onto semitrailer platform or injury to personnel may result.

WARNING: Unnecessary personnel must stand well clear of the vehicles, especially behind the payload (engine/turbine exhaust) during loading operations. At no time during any loading operation while the payload is moving should personnel be on the semitrailer platform. The payload operator must drive the payload slowly up the loading ramps and onto the platform or injury to personnel and damage to equipment may result.

WARNING: Payload adjustments, side to side (turning), must be kept to a minimum or serious injury to personnel and damage to equipment may result.

WARNING: Failure to set the payload parking brake could allow the payload to roll backward causing injury to personnel and damage to equipment.

CAUTION

Be aware of all Caution statements referenced in the equipment Technical Manuals to ensure damage to equipment or injury to personnel does not occur.

Remarks: None

Notes: None

Performance Steps

1. Supervise preparation of Heavy Equipment Transporter System (HETS) for loading operation.

a. Ensure operator positions HET on level ground or within 10 percent offset or 10 degrees difference between tractor and semitrailer. Follow hand and arm signals from ground guide.

b. Ensure operator chocks vehicle and semitrailer wheels as needed.

c. Ensure operator adheres to all WARNING and CAUTION statements listed in technical reference for this operation.

2. Supervise Loading able tracked/wheeled vehicle payload.

a. Ensure operator refers to TM 9-2330-381-14, paragraph 2-26, page 2-91.

b. Ensure operator adheres to all WARNING and CAUTION statements in the reference manual for this operation.

3. Supervise loading disabled tracked/wheeled vehicle payload.

a. Ensure operator refers to TM 9-2330-381-14, paragraph 2-27, page 2-122 for detailed procedures in unloading vehicle payload.

b. Ensure operator adheres to all WARNING and CAUTION statements in the reference manual for this operation.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: None

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Supervised preparation of Heavy Equipment Transporter System (HETS) for loading operation.			
a. Ensured operator positions HET on level ground or within 10 percent offset or 10 degrees difference between tractor and semitrailer. Followed hand and arm signals from ground guide.			
b. Ensured operator chocks vehicle and semitrailer wheels as needed.			
c. Ensured operator adhered to all WARNING and CAUTION statements listed in technical reference for this operation.			
2. Supervised loading able tracked/wheeled vehicle payload.			
a. Ensured operator referred to TM 9-2330-381-14, paragraph 2-26, page 2-91.			
b. Ensured operator adhered to all WARNING and CAUTION statements in the reference manual for this operation.			
3. Supervised loading disabled tracked/wheeled vehicle payload.			
a. Ensured operator referred to TM 9-2330-381-14, paragraph 2-27, page 2-122 for detailed procedures in unloading vehicle payload.			
b. Ensured operator adhered to all WARNING and CAUTION statements in the reference manual for this operation.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 21-60	VISUAL SIGNALS	Yes	No
	TC 21-305-9	TRAINING PROGRAM FOR THE HEAVY EQUIPMENT TRANSPORTER SYSTEM	No	No
	TM 9-2320-360-10	OPERATORS MANUAL FOR TRUCK, TRACTOR, M1070, 8X8, HEAVY EQUIPMENT TRANSPORTER (HET) (NSN 2320-01-318-9902) (EIC: B5C) (REPRINTED W/BASIC INCL C1-3)	Yes	No
	TM 9-2330-381-14	OPERATORS, UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR HEAVY EQUIPMENT TRANSPORTER SEMITRAILER, 70 TON, M1000 (NSN 2330-01-303-8832) (EIC: CXU) {TM 09295A-14/1}D	Yes	No

Environment: All soldiers are responsible for making every effort in minimizing or preventing damage to the environment during tactical operations. Any spillage of contaminants (fuel, oil, etc) must be contained until such time as a recovery team can perform necessary clean up operations.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. Sound guides are required when moving vehicles Designate NO SMOKING areas.

Store flammables in approved containers and post signs reflecting contents

Enforce speed limit

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88M-1364	Operate Vehicle with Standard, Automatic/Semiautomatic Transmission	551 - Transportation (Individual)	Superseded
551-88M-1367	Back Vehicle with Semitrailer	551 - Transportation (Individual)	Superseded
551-88M-2305	Operate the Loading Ramps on the M1000 Semitrailer	551 - Transportation (Individual)	Approved
551-88M-2302	Operate the APU on the M1000 Semitrailer	551 - Transportation (Individual)	Approved
551-88M-2306	Manually Steer the M1000 Semitrailer	551 - Transportation (Individual)	Approved
551-88M-2300	Operate the M1070/M1000 Semitrailer Combination With Disabled Bogie	551 - Transportation (Individual)	Approved
551-88M-2304	Adjust the Platform Height on the M1000 Semitrailer	551 - Transportation (Individual)	Approved
551-88M-2376	Load/Unload a Tracked/Wheeled Vehicle Onto a Heavy Equipment Transporter (HET)	551 - Transportation (Individual)	Approved
551-88M-2375	Drive a Heavy Equipment Transporter (HET) on Improved Roads	551 - Transportation (Individual)	Approved
551-88M-2303	Adjust the Gooseneck on the M1000 Semitrailer	551 - Transportation (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
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55-2-0011	Transport Personnel and Cargo	55 - Transportation (Collective)	Approved
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